## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | ID NO. | DATE |
|---------------------------|----------|--------|------|
|                           |          |        |      |
| FEE DETERMINATION         |          |        |      |
| O.I.P.E. CLASSIFIER       |          |        |      |
| FORMALITY REVIEW          |          |        |      |
| RESPONSE FORMALITY REVIEW |          |        |      |
|                           |          |        |      |

## **INDEX OF CLAIMS**

| ~ | Rejected                   | N | Non-elected  |
|---|----------------------------|---|--------------|
| = | Allowed                    | 1 | Interference |
| _ | (Through numeral) Canceled | Α | Appeal       |
| ÷ | Restricted                 | 0 | Objected     |

| ÷                  |                   |               |               |         | Restricted 0        |            |          |                 |          |         | ••••••  | Objected       |           |         |       |       |          |              |          |               |        |   |          |           |          |          |
|--------------------|-------------------|---------------|---------------|---------|---------------------|------------|----------|-----------------|----------|---------|---------|----------------|-----------|---------|-------|-------|----------|--------------|----------|---------------|--------|---|----------|-----------|----------|----------|
| Claim M Date       |                   | te            |               |         | Cla                 | Claim      |          |                 | (        | Date    |         |                |           |         | Claim |       |          |              | Date     |               |        |   |          |           |          |          |
| <u>a</u>           | 2                 |               |               |         |                     |            | -B       |                 | П        |         |         |                |           |         | 7     |       |          | T            | $\sqcap$ |               |        |   |          |           |          | Ī        |
| Final<br>Scriginal |                   |               | 11            | ı       |                     | Final      | Original |                 |          | 1       | ı       |                |           |         |       | Final | Original |              |          | - 1           | i      |   |          |           |          |          |
| 直刻                 | 4                 | $\perp \perp$ |               | $\perp$ |                     | i <u>i</u> | ŏ        |                 |          |         | $\perp$ | 上              | Ш         |         |       | 证     | ō        |              |          |               |        |   |          |           |          | L        |
|                    | 7                 | 44            | $\sqcup$      |         |                     |            | 51       |                 | Ш        |         | _       |                | Ш         |         | ]     |       | 101      | $\perp$      | Ш        |               |        |   |          |           |          | Ĺ        |
| (2)                |                   | 11            | $\sqcup$      |         |                     |            | 52       |                 |          |         |         |                |           |         | _     |       | 102      |              |          |               |        |   |          |           |          | Ĺ        |
| 3                  |                   |               |               | $\perp$ |                     |            | 53       |                 |          |         |         |                | $\sqcup$  |         |       |       | 103      |              |          |               |        |   |          |           |          |          |
| 4                  | 111               |               |               |         |                     |            | 54       |                 |          |         |         |                | Н         |         |       |       | 104      | $\perp$      |          |               | _      |   |          |           |          | L        |
| 5                  | $\sqcup \bot$     |               | $\perp$       |         | $\bot \bot \bot$    |            | 55       |                 |          |         | _       |                |           | 4       | _     |       | 105      |              | Ш        |               |        |   |          |           |          | L        |
| 6                  |                   |               | $\perp$       |         |                     |            | 56       | 1               |          | 4       |         | _              |           |         | 4     |       | 106      |              |          | _             | _      | _ |          | _         |          | L        |
| 7                  |                   |               | Ш             |         |                     |            | 57       |                 |          | 4       |         | _              | $\sqcup$  | 4-      | 4     |       | 107      | _            |          | _             | _      | _ |          | _         |          | Ĺ        |
| 8                  | ++-               |               | 1-1           |         | - -                 |            | 58       | ↓_              |          | 4       | +       |                |           | _       | 4     |       | 108      | J            |          | _             | _ {    | _ |          |           |          | L        |
| 9                  | $\bot \bot \bot$  | $+ + \cdot$   | <u> </u>      |         |                     |            | 59       | ↓_              |          | 4       | $\perp$ | _              | Ш         | _       | 4     |       | 109      |              |          |               | [      | _ |          | _         |          | Ĺ        |
| 10                 | ++                |               | $\vdash$      | _       | +                   |            | 60       | ↓_              | $\Box$   | -  -    | _       | _              |           | $\perp$ | 4     |       | 110      |              |          |               | _      | _ | _        | _         |          | L        |
| 11                 | ++                | - - -         | + +           | -       | $ \bot\bot $        | $\perp$    | 61       | -               | $\vdash$ | $\perp$ | $\perp$ | $\perp$        | $\sqcup$  |         | 4     |       | 111      | 1            | $\sqcup$ | _             | _      |   | $\perp$  |           | $\Box$   | Ļ        |
| 12                 | ╂┼╌┼              |               | +-+           |         | 14                  | $\vdash$   | 62       | $\vdash$        | $\vdash$ | _       | 4       | _              | $\sqcup$  | $\perp$ | 4     |       | 112      | $\downarrow$ |          | _             | _      | _ |          |           |          | <u> </u> |
| 13                 | +                 |               | +             | -       | H                   |            | 63       | ↓_              | Н        | +       | $\perp$ | 4              | $\sqcup$  | 4       | 4     |       | 113      | 4            | $\sqcup$ | _             | _      | _ |          | _         | Ц        | 1        |
| 14                 | 1                 | ++            | <b>├</b>      | +       | $\vdash$            | $\vdash$   | 64       | 1               | $\vdash$ | _       | +       | 4_             |           |         | 4     |       | 114      | 1_           |          | _             | -      | _ |          |           |          | L        |
| 15                 | +++               |               | $\vdash$      |         | $\vdash$            | $\vdash$   | 65       | ↓_              | $\sqcup$ | $\perp$ | +       | +              | $\sqcup$  |         | 4     |       | 115      | 1            | $\sqcup$ | $\rightarrow$ | _      | _ |          |           |          | L        |
| 16<br>17           | <del>',</del>     | ++            | ₩.            | -       | $\perp \perp \perp$ |            | 66       | -               |          | _       | +       | <del>↓</del> _ |           |         | 4     | -     | 116      | <del> </del> | -        | _             | _      |   |          |           |          | L        |
|                    | -                 |               |               | -       | $\vdash$            |            | 67       | _               | $\sqcup$ | 4       | 4       |                | Ш         |         | 4     |       | 117      | 4_           |          | _             |        | _ |          | _         |          | L        |
| 18                 |                   |               | -             |         | $\vdash$            |            | 68       | -               | $\sqcup$ | _       | $\perp$ | $\downarrow$   |           |         | 4     |       | 118      | +-           | $\sqcup$ | _             | _      | _ | !        |           |          | _        |
| 19                 |                   | +             | Ш             | 4       | $\Box$              |            | 69       | 1_              | $\sqcup$ | _       | +       |                |           |         | 4     |       | 119      | 1            |          | _             | _      |   | _        |           |          | L        |
| 20                 |                   | $\bot$        |               |         |                     |            | 70       |                 |          |         |         |                |           |         | _     | L     | 120      |              |          |               |        |   |          |           |          |          |
| 721                |                   | $\bot \bot$   |               |         |                     |            | 71       |                 |          |         | $\perp$ |                |           |         | 4     |       | 121      |              |          |               |        |   |          |           |          | L        |
| 22                 | $\bot\bot$        | $\perp$       |               |         |                     |            | 72       |                 |          | $\perp$ |         |                |           |         | _     |       | 122      |              |          |               |        |   |          | $\dashv$  |          | L        |
| 23                 |                   | $\bot \bot$   |               | $\perp$ | $\sqcup \sqcup$     |            | 73       |                 |          |         | _       | 1_             | Ш         | _       | _     |       | 123      | _            |          |               |        |   |          |           |          | L        |
| 24                 | <del>-   : </del> | $\bot$        | 11            | $\perp$ |                     |            | 74       | $oxed{igspace}$ |          | _       |         | 4              |           |         | _     |       | 124      |              |          |               | _      | _ |          |           |          |          |
| 25                 |                   | 44            |               | $\perp$ |                     |            | 75       | L               |          | _       | _       |                | Ш         |         |       |       | 125      |              |          |               |        |   |          |           |          | L        |
| 26                 | $\dashv \perp$    | 4-1-          |               | _       | $\sqcup \sqcup$     |            | 76       | $\perp$         | Ц        | $\perp$ | $\perp$ |                |           |         | 4     |       | 126      |              |          |               | _      |   |          | $\dashv$  |          | L        |
| 27                 | $\dashv$          | 44            | <b> </b> _    | _       |                     |            | 77       | L               |          |         | 4       |                | Ш         |         |       |       | 127      |              |          |               |        |   |          |           |          | L        |
| 28                 | _ _               | $\bot \bot$   | Ш.            |         |                     |            | 78       | $oxed{oxed}$    | Ц        | _ _     |         |                |           |         | _     |       | 128      |              |          |               | $\neg$ |   |          |           |          | L        |
| 29                 | $\dashv$          | +             | $\perp \perp$ |         |                     |            | 79       | ↓_              |          | 1       | 4       | _              |           |         | 1     |       | 129      | ļ            |          | _             | _      | _ |          |           | L.,      | L        |
| 30                 |                   | $\bot$        | $\sqcup$      |         | $\sqcup \sqcup$     |            | 80       | $oxed{oxed}$    | Ш        | 4       |         |                | Ш         |         | 4     |       | 130      | -            | Ш        |               | _      |   |          |           |          | L        |
| 31                 |                   |               | Ш             |         |                     |            | 81       | $\perp$         |          | 4       | 4.      | 1_             |           |         |       |       | 131      | -            | Ш        |               | _      |   |          |           |          | L        |
| 32                 |                   |               | $\sqcup$      |         | $\vdash$            |            | 82       | igspace         |          | 4       |         | 4              | Ш         |         | _     |       | 132      | ╀            |          |               | _      |   |          |           |          | L        |
| 33                 |                   |               | 1-1           |         | $\square$           |            | 83       | ـ               | $\sqcup$ | _       | 4       | 1_             | Ш         |         | _     |       | 133      |              |          |               |        |   | _        | $\dashv$  | _        | L        |
| 34                 | ++                | +             | $\vdash$      | 4       | -                   |            | 84       | -               | $\sqcup$ | _       | _       | -              | Ш         |         | 4     |       | 134      | 4_           |          |               | _      |   |          | $\dashv$  |          | L        |
| 35<br>36           | ++                | ++            | <b>  </b>     | -       |                     |            | 85       | -               | $\sqcup$ |         | _       | ֈ              | Ш         | _       | 4     |       | 135      |              |          |               | _      | _ | _        | _         |          | L        |
| 37                 |                   |               | $\vdash$      | -       | $\vdash$            |            | 86       | -               | $\sqcup$ | 4       |         | ╀-             | Ш         |         | 4     | _     | 136      |              | $\vdash$ | _             |        |   |          | $\dashv$  | _        | L        |
| 38                 | +                 | +-            | $\vdash$      | 4       | +                   |            | 87       | -               | $\vdash$ |         | -       |                |           |         | 4     |       | 137      | $\perp$      | <u> </u> | _             |        |   | _        | $\vdash$  | <u> </u> | L        |
|                    | ++                | +-            | $\vdash$      | -       | ++-                 |            | 88       | $\vdash$        | $\vdash$ |         | -       | +              | $\sqcup$  | -       | 4     |       | 138      | +            | $\vdash$ | _             |        | Ц | H        |           |          | L        |
| 39<br>40           | ++                | +             | -             |         | ++-                 |            | 89       | -               | $\vdash$ | -       | -       | +              | $\vdash$  | -       | 4     |       | 139      | +            |          | _             | _      |   | <u> </u> | $\dashv$  | _        | L        |
|                    |                   | - - -         | ++            | -       | $\sqcup \sqcup$     |            | 90       | $\vdash$        | $\sqcup$ | 4       | $\perp$ | 4-             | $\sqcup$  | 4       | 4     | L     | 140      | _            | $\sqcup$ | _             | _      |   | _        | $\square$ | Щ        | L        |
| 41                 | ++                | 11            | $\perp \perp$ |         | $\sqcup \sqcup$     |            | 91       | $\perp$         |          |         | $\perp$ | 1              |           |         | _     |       | 141      | $\perp$      |          |               |        |   | L.       |           |          |          |
| 42                 | ++                | +             | $\perp \perp$ | 4       | $\sqcup \sqcup$     |            | 92       | oxdapprox       | $\sqcup$ | _       | $\perp$ | 1              | Щ         |         | 1     |       | 142      | _            | $\sqcup$ |               | _      |   | Ш        | Ш         | Ш        | L        |
| 43                 | ++                | 1-1-          | 1             | 4       | $\sqcup \sqcup$     |            | 93       | $\perp$         | $\sqcup$ | 4       | _       | 1              | Ш         |         | _     | -     | 143      | 4_           | Ш        |               |        |   |          |           | L.       | L        |
| 44                 | ++                |               | $\sqcup$      |         | $\sqcup \sqcup$     |            | 94       | $oxed{oxed}$    |          | _       | $\perp$ | 1_             | $\sqcup$  |         | _     |       | 144      |              | $\sqcup$ |               |        |   |          |           | Ш        | L        |
| 45                 | $\dashv$          | 44            | -             |         | $\sqcup \sqcup$     | -          | 95       |                 | $\sqcup$ |         | _       | 1              | Ш         | $\perp$ |       | -     | 145      | _            | Ш        |               |        | Ш |          |           |          | L        |
| 46                 |                   |               |               |         |                     | -          | 96       |                 |          |         |         | _              | $\square$ |         | 1     |       | 146      | _            | $\sqcup$ |               |        |   |          |           |          | L        |
| 47                 |                   |               |               |         | $\sqcup \sqcup$     |            | 97       |                 |          |         |         | _              |           |         |       |       | 147      | ]            |          |               |        |   |          |           |          | Ĺ        |
| 48                 | ++                | +             | $\perp$       |         | $\sqcup \sqcup$     |            | 98       | 1               | $\sqcup$ | $\perp$ | $\perp$ | 1              | Ш         |         | _     |       | 148      | 4            | Щ        |               | _      | ] |          |           | Щ        | _        |
| 49                 |                   |               | $\sqcup$      | $\perp$ |                     |            | 99       | $\perp$         |          | 1       | _       | 1              |           |         | _     |       | 149      | _            | $\sqcup$ |               |        |   |          |           |          | L        |
| 50                 |                   |               |               |         |                     |            | 100      | $\Box$          |          |         |         |                |           |         | J     |       | 150      |              |          |               | 1      |   |          |           |          | Ĺ        |